FIG. 1
(PRIOR ART)

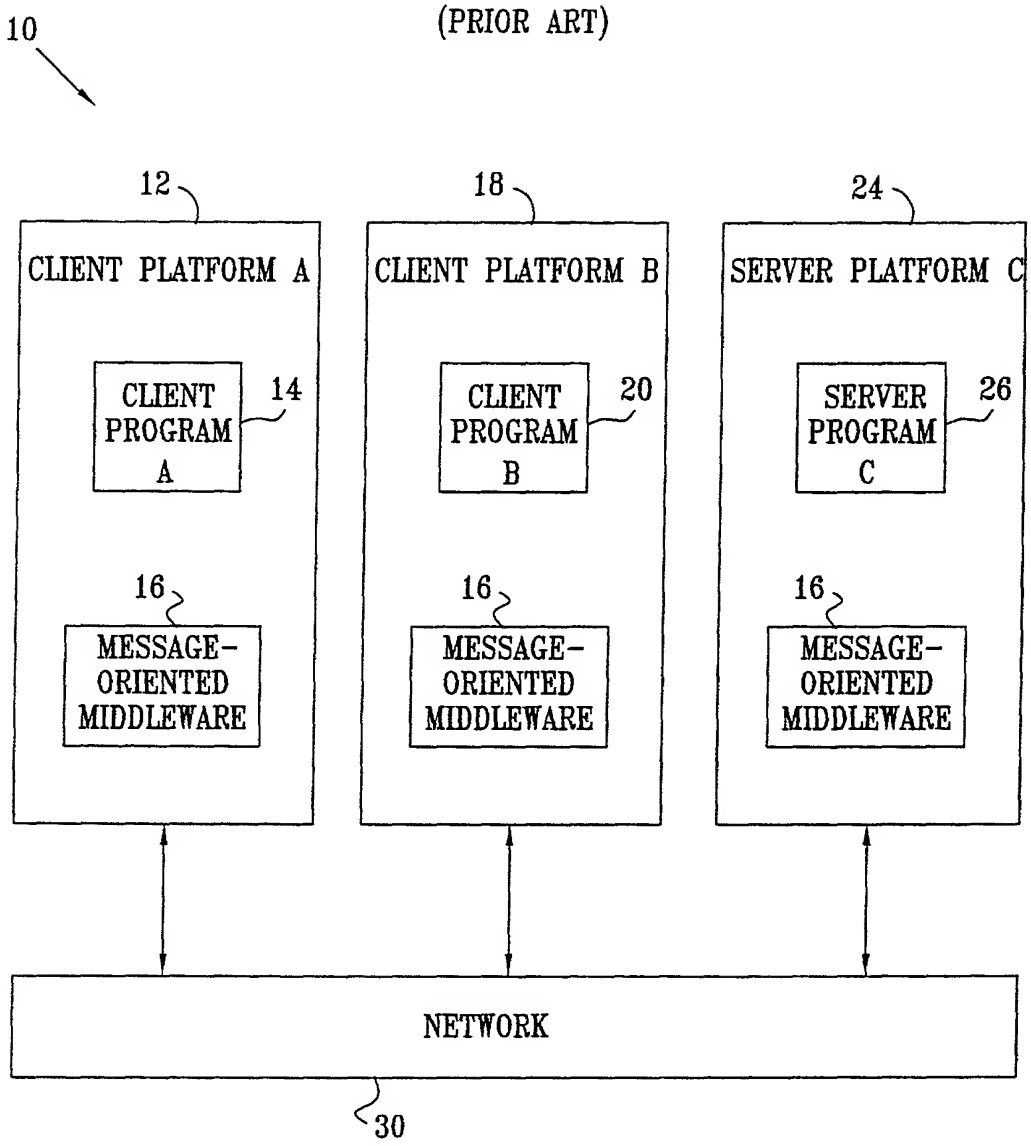


FIG. 2
(PRIOR ART)

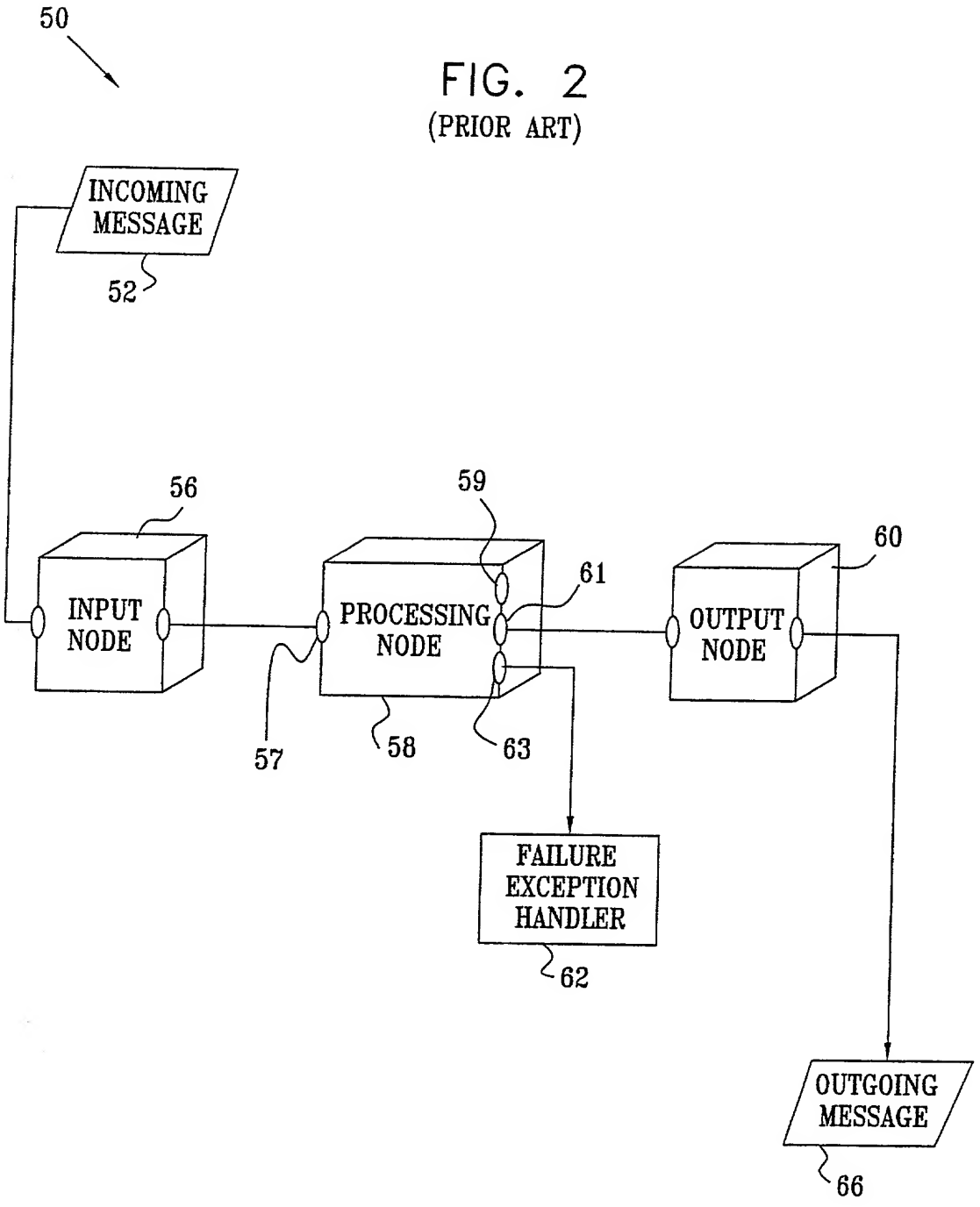


FIG. 3
(PRIOR ART)

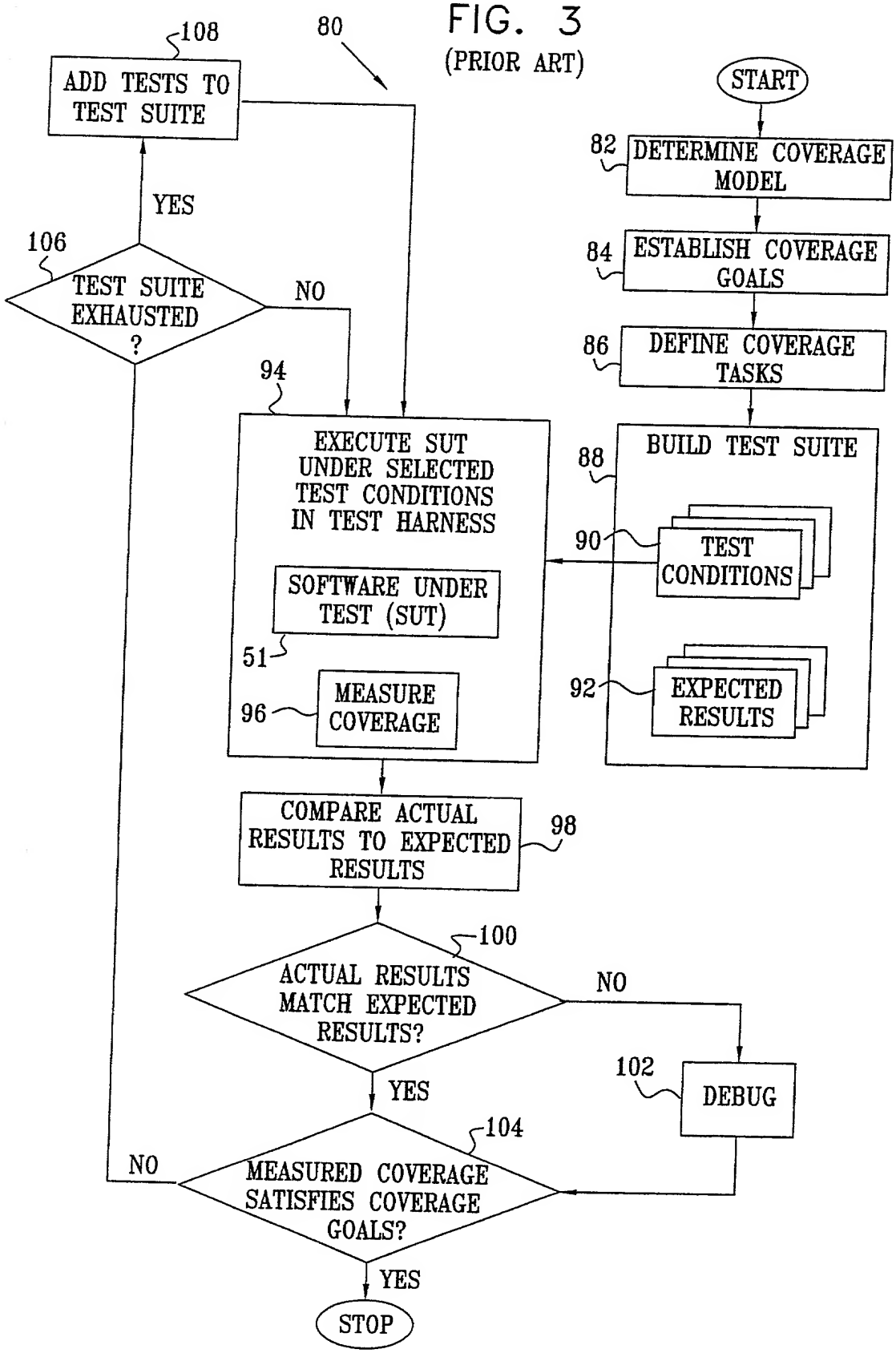
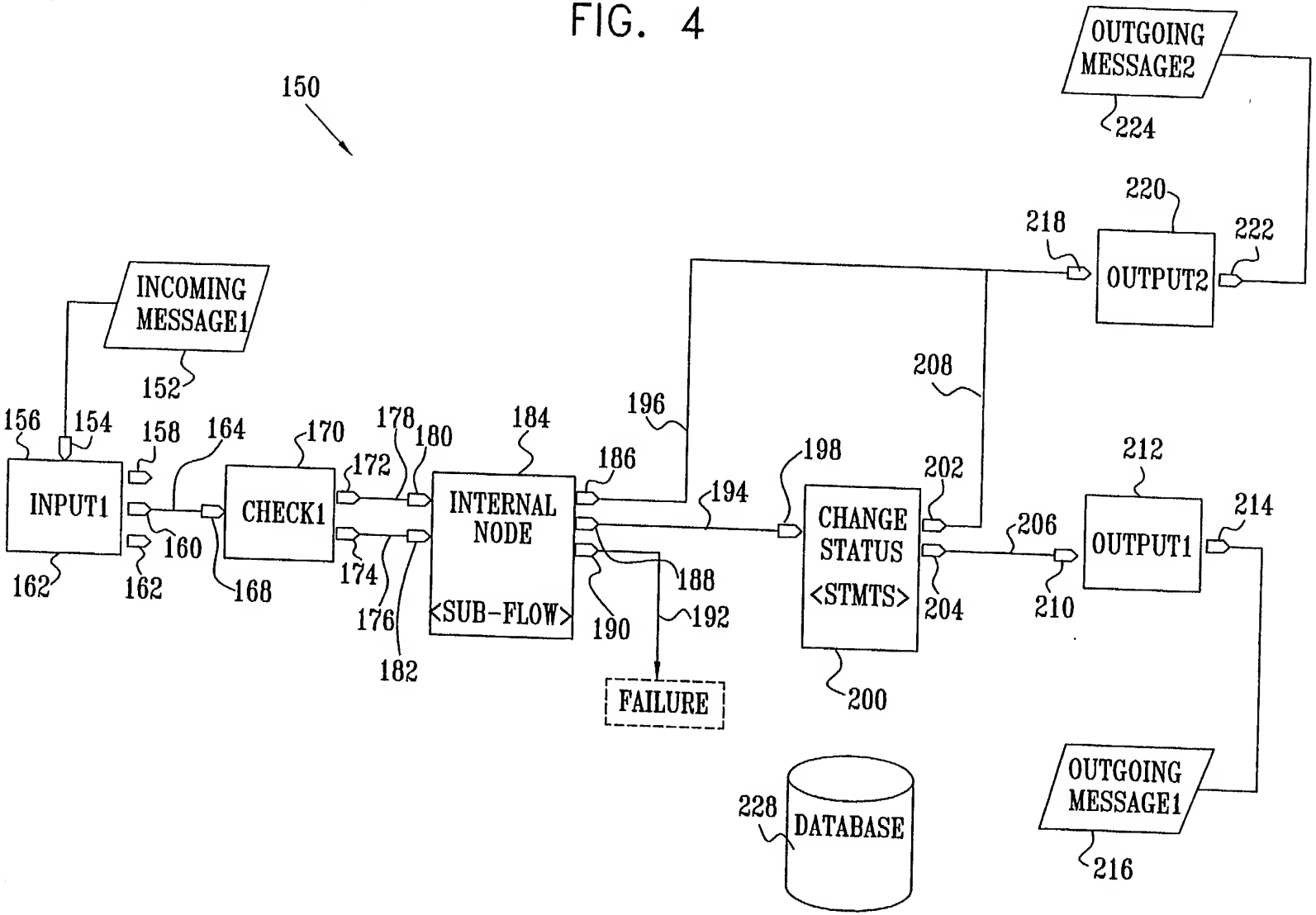


FIG. 4


150
INCOMING MESSAGE1
152
INPUT1
154
156
158
160
162
162
164
168
CHECK1
170
172
174
176
178
180
182
INTERNAL NODE
<SUB-FLOW>
184
186
188
190
192
FAILURE
194
196
198
CHANGE STATUS
<STMTS>
200
202
204
206
208
OUTPUT2
218
220
222
OUTGOING MESSAGE2
224
OUTPUT1
210
212
214
OUTGOING MESSAGE1
216
DATABASE
228

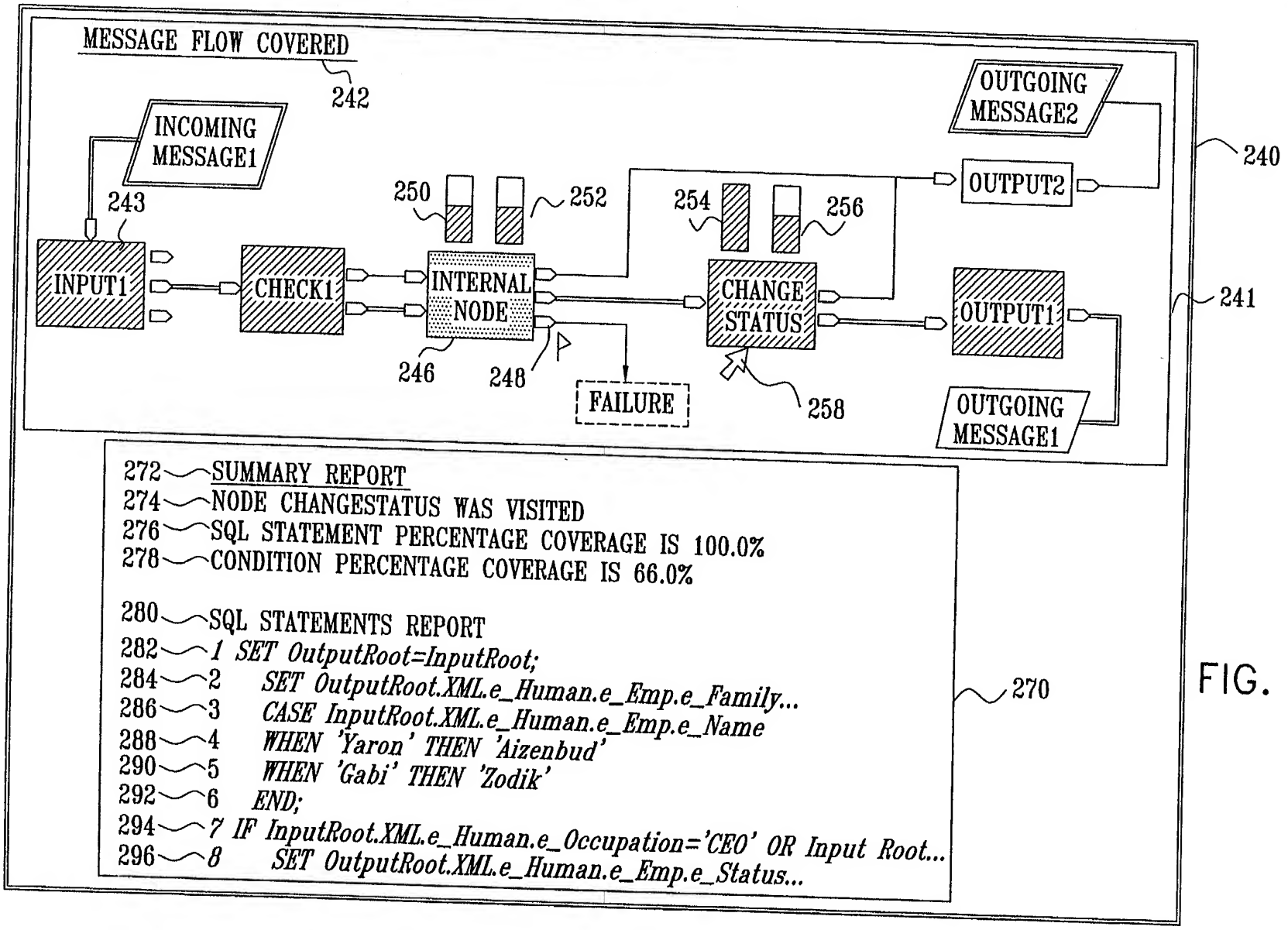

MESSAGE FLOW COVERED
242
INCOMING MESSAGE1
243
INPUT1
CHECK1
250
252
INTERNAL NODE
246
248
FAILURE
254
256
CHANGE STATUS
258
OUTPUT2
OUTPUT1
OUTGOING MESSAGE2
OUTGOING MESSAGE1
240
241
272 SUMMARY REPORT
274 NODE CHANGESTATUS WAS VISITED
276 SQL STATEMENT PERCENTAGE COVERAGE IS 100.0%
278 CONDITION PERCENTAGE COVERAGE IS 66.0%
280 SQL STATEMENTS REPORT
282 1 SET OutputRoot=InputRoot;
284 2 SET OutputRoot.XML.e_Human.e_Emp.e_Family...
286 3 CASE InputRoot.XML.e_Human.e_Emp.e_Name
288 4 WHEN 'Yaron' THEN 'Aizenbud'
290 5 WHEN 'Gabi' THEN 'Zodik'
292 6 END;
294 7 IF InputRoot.XML.e_Human.e_Occupation='CEO' OR Input Root...
296 8 SET OutputRoot.XML.e_Human.e_Emp.e_Status...
270

FIG. 5

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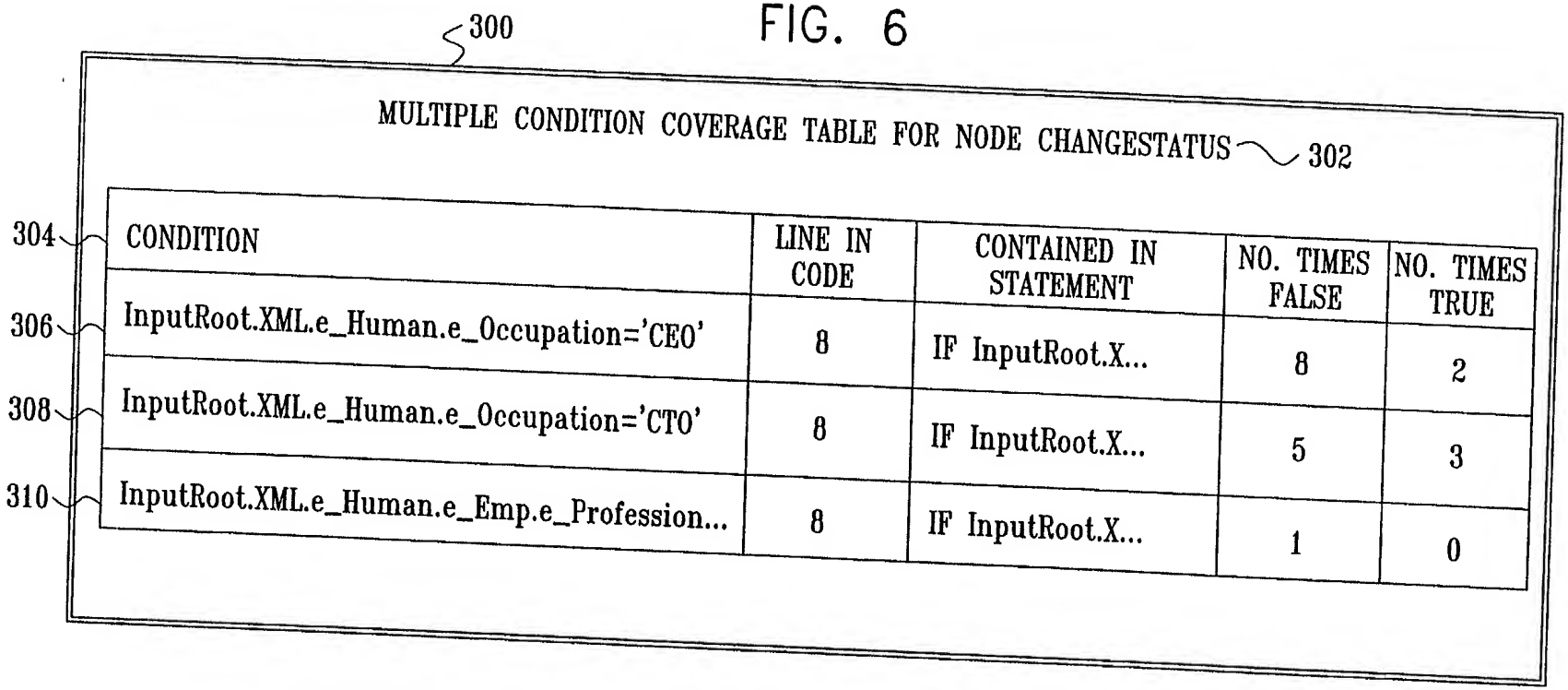
FIG. 6



CONDITION	LINE IN CODE	CONTAINED IN STATEMENT	NO. TIMES FALSE	NO. TIMES TRUE
InputRoot.XML.e_Human.e_Occupation='CEO'	8	IF InputRoot.X...	8	2
InputRoot.XML.e_Human.e_Occupation='CTO'	8	IF InputRoot.X...	5	3
InputRoot.XML.e_Human.e_Emp.e_Profession...	8	IF InputRoot.X...	1	0

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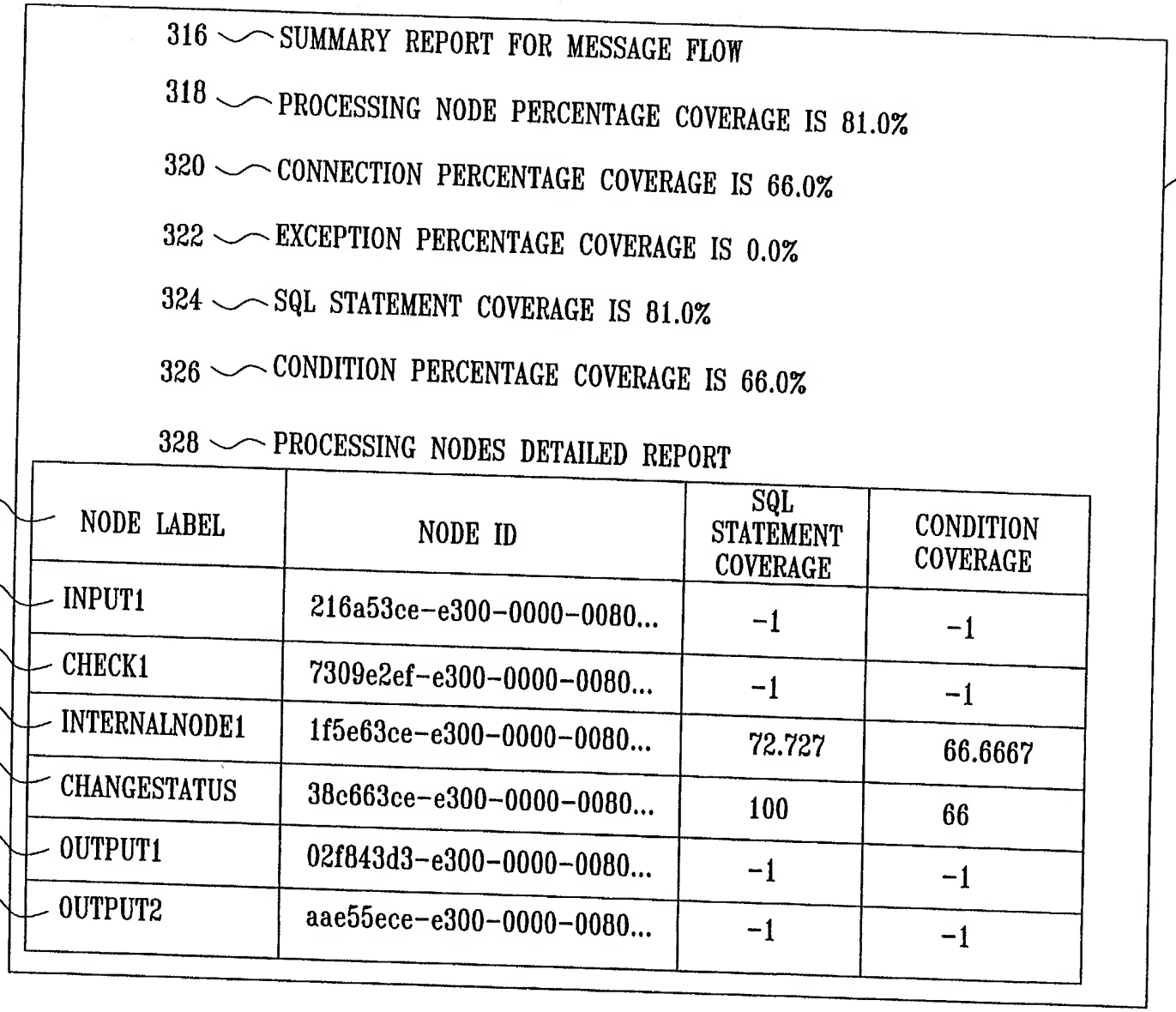
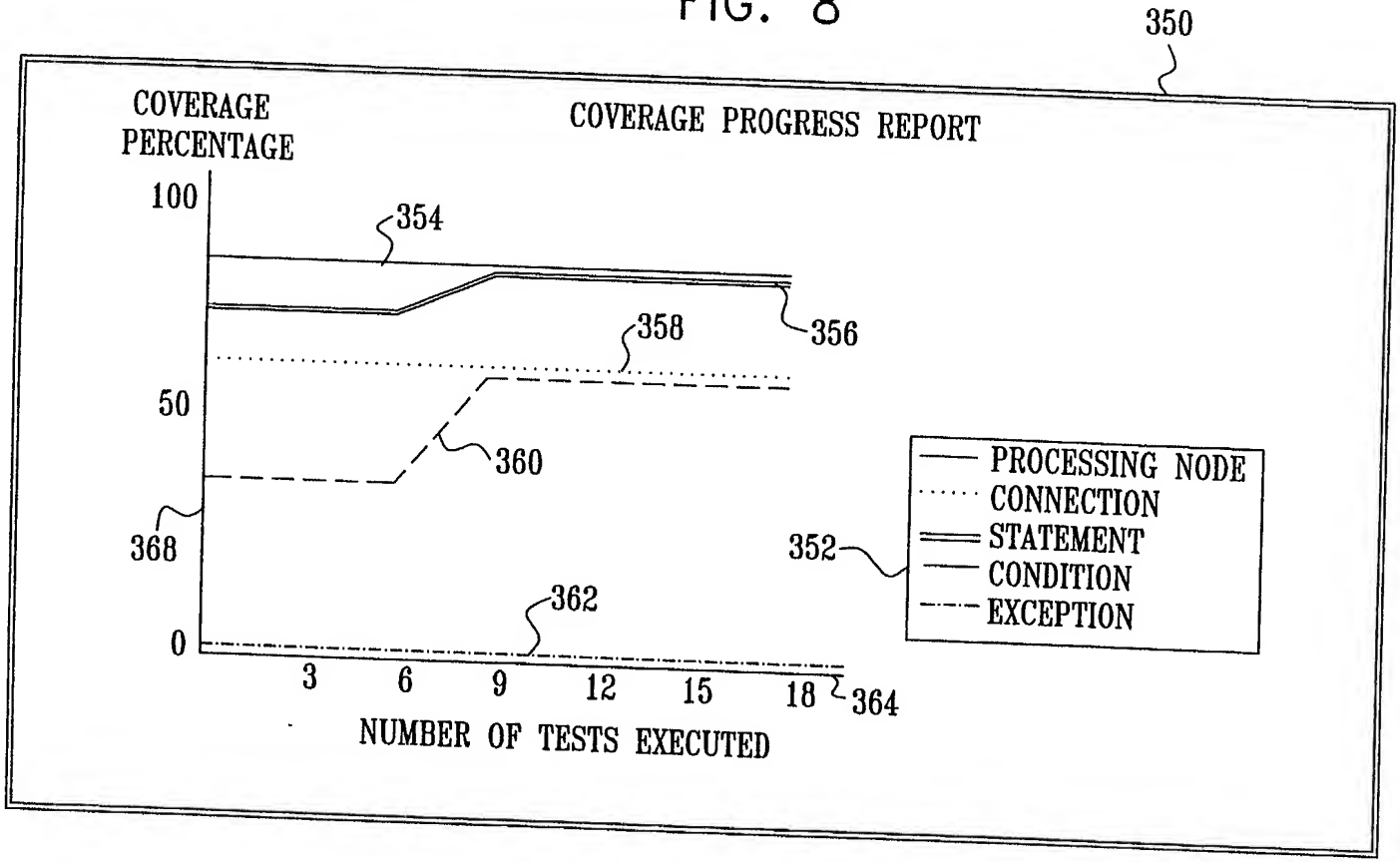


330 NODE LABEL	NODE ID	SQL STATEMENT COVERAGE	CONDITION COVERAGE
332 INPUT1	216a53ce-e300-0000-0080...	-1	-1
334 CHECK1	7309e2ef-e300-0000-0080...	-1	-1
336 INTERNALNODE1	1f5e63ce-e300-0000-0080...	72.727	66.6667
338 CHANGESTATUS	38c663ce-e300-0000-0080...	100	66
340 OUTPUT1	02f843d3-e300-0000-0080...	-1	-1
342 OUTPUT2	aae55ece-e300-0000-0080...	-1	-1

FIG. 7

FIG. 8


350
COVERAGE PROGRESS REPORT
COVERAGE PERCENTAGE
100
50
0
354
356
358
360
362
368
352
PROCESSING NODE
CONNECTION
STATEMENT
CONDITION
EXCEPTION
3
6
9
12
15
18
364
NUMBER OF TESTS EXECUTED